Winter 2015
Class Schedule
January 5 to February 7

Register Today!
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WINTER 2015 Class Schedule

January 5 to February 8

ACCOUNTING
Dean: Nicole Albo-Lopez, Aspen Hall - AH/TE-511, (213) 763-7025

ACCOUNTING 021 3.00 Units
BOOKKEEPING AND ACCOUNTING I (UC:CSU)
Advisory: Business 38.
This course includes fundamentals of double entry bookkeeping; preparation of the trial balance; worksheets and financial statement; use of controlling accounts; the control of cash and bank reconciliation statements. Students may complete a mercantile firm practice set.
01331lec 7:00am - 9:45am MTWTh CH/K 304
(5 Week Class - Starts 1/5/2015, Ends 2/28/2015)

ANTHROPOLOGY
Chair: Dr. Freddie McClain, Aspen Hall - AH/TE-516, (213) 763-3936

ANTHROPOLOGY 101 3.00 Units
HUMAN BIOLOGICAL EVOLUTION (UC:CSU)
Advisory: English 28.
This course is an introduction to the field of biological anthropology. Topics covered include genetic inheritance, the mechanisms of evolution, the biology and behavior of living primates, the history of human evolution as seen in the fossil record, and modern human biological variation.
10001lec 10:10am - 12:40pm MTWTh AH/T E312
(5 Week Class - Starts 1/5/2015, Ends 2/28/2015)

ARCHITECTURE
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701

ARCHITECTURE 160 3.00 Units
COMPUTERS FOR DESIGNERS (CSU)
The student will learn how to become a designer and a technologist in three dimensional digital environments. The student will use the power of the tools to be inspired and to collaborate. This course is geared towards the built environment, ecological, entertainment and industrial designers. Students will learn how the space of a place affects the way we think, act and create. Emphasis is placed on how designers can optimize and understand the role of digital mediums in today’s competitive edge and sustainable demands. Basic computer operations like operating systems, interfaces, print, view, export, file management, image manipulation are covered within the design exercises.
80021lec 8:00am - 8:50am MTWTh CY/ D302
&lab 8:50am - 12:20pm MTWTh CY/ D302
(5 Week Class - Starts 1/5/2015, Ends 2/28/2015)

ARCHITECTURE 341 3.00 Units
GIS METROPOLITAN ACCESS PLANNING SYSTEMS I (CSU)
This course will cover the interconnection of BIM, CAD, GIS, spatial systems and online mapping in one construct. GIS technology and related geospatial technologies will explore intelligent building drawings as they connect to multiple environments; ecological, buildings and socio economic forces. GIS are spatial drawings with multiple types of information associated with them; business, land use, roads, rivers, parcel maps, census, others. This course introduces fundamental concepts and functionality of spatial thinking and visual computation. The course uses the GIS analytical process to quantify and qualify multiple layers of spatial information applied to sustainable projects.
47371lec 5:00pm - 5:50pm MTWTh CY/ D331
&lab 5:50pm - 9:20pm MTWTh CY/ D331
(5 Week Class - Starts 1/5/2015, Ends 2/28/2015)

ART
Chair: John Glavan, Aspen Hall - AH/TE-520, (213) 763-3931

ART 101 3.00 Units
SURVEY OF ART HISTORY I (UC:CSU)
This course encompasses the historic study of architecture, painting and sculpture, with incidental references to the related minor arts. A survey is made of the chronological development of Western and non-European art from the Prehistoric to the Renaissance, with special emphasis upon the cultural factors that contributed to its evolution.
14151lec 7:30am - 10:00am MTWTh MH 308
(5 Week Class - Starts 1/5/2015, Ends 2/28/2015)

ASTRONOMY

ASTRONOMY 001 3.00 Units
ELEMENTARY ASTRONOMY (UC:CSU)
This course is a general introduction and overview of Astronomy and covers many topics including constellations, seasons, history of Astronomy, the electromagnetic spectrum, telescopes, the Earth and other planets of our solar system, the Sun, binary stars, the Milky Way Galaxy, properties of galaxies and the Big Bang Theory. Students are kept abreast of current developments in the field.
16021lec 8:00am - 10:30am MTWTh AH/T E111
(5 Week Class - Starts 1/5/2015, Ends 2/6/2015)

AUTOMOTIVE AND RELATED TECHNOLOGY
Chair: Jess Guerra, Oak Hall - OH/F-106A, (213) 763-3901

AUTOMOTIVE AND RELATED TECHNOLOGY 100 3.00 Units
HEATING AND AIR CONDITIONING SYSTEMS THEORY, INSPECTION & RPR
Instruction is offered in the area of (HVAC) heating, ventilation & air conditioning systems, with emphasis on function & testing of heater controls, heater cores, air conditioning compressors, clutch & controls.
73181lec 7:00am - 7:50am MTWTh OH/ F108
&lab 7:50am - 12:25pm MTWTh OH/ F108
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

AUTOMOTIVE AND RELATED TECHNOLOGY 121 3.00 Units
BASIC ENGINE THEORY INSPECTION AND REPAIR (CSU)
This course offers instruction in the types of operating principles and performance characteristics of automotive engines. Applied mathematics and related physics are emphasized throughout the course. Students will disassemble and assemble a complete engine and apply related theory to factory procedures.
73141lec 7:00am - 7:45am MTWTh OH/ F130
&lab 7:50am - 1:15pm MTWTh OH/ F130
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
AUTOMOTIVE AND RELATED TECHNOLOGY 144 3.00 Units
CALIFORNIA STATE BUREAU OF AUTOMOTIVE REPAIR CLEAN AIR CAR
The course is designed to upgrade knowledge of the students who are currently employed in the automotive field. This course also prepares students for employment and licensing in the California State Smog Check Program and prepares them for the California State Smog License Examination. Materials and content comply with Bureau of Automotive Repair requirements.
7316lec 7:00am - 7:50am MTWTh OH/ F128
&lab 7:50am - 12:25pm MTWTh OH/ F128
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

AUTOMOTIVE COLLISION REPAIR
Chair: Jess Guerra, Oak Hall - OH/106A, (213) 763-3901

AUTOMOTIVE COLLISION REPAIR 227 3.00 Units
AUTO BODY AND FENDER II
This course offers advanced training in refinishing, color mixing and matching of OEM (Original Equipment manufacturer) color codes. Proper paint gun operation and use of air pressure and spray patterns are emphasized, as well as VOC (Volatile Organic Compounds) log calculation systems. Students will learn to repair/repaint as required to I-CAR and industry standards. This course will emphasize on the STAR Training Program whose goal is to train technicians to reduce material consumption costs and pollution through increased spray efficiency.
7346lec 7:00am - 7:50am MTWTh OH/ F132
&lab 7:50am - 12:25pm MTWTh F OH/ F110
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

BASIC SKILLS
Chair: Christina Anketell, Mariposa Hall, MA-109e, (213) 763-3741

BASIC SKILLS 002CE 0.00 Unit
BASIC ENGLISH SKILLS (NDA) (RPT 9)
Basic listening, reading, speaking, and writing skills for students with minimum English language skills.
8710lec 1:15pm - 2:40pm MTWTh MA 109A-2
&lec 2:40pm - 4:40pm MTWTh MA 109A-2
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

BASIC SKILLS 023CE 0.00 Unit
COLLEGE AND SCHOLASTIC ASSESSMENT PREPARATION (NDA) (RPT 9)
This course provides students with study, computational, writing, and critical thinking skills to prepare for the college assessment test.
8706lec 1:15pm - 4:20pm MTWTh OH/F209
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

BASIC SKILLS 035CE 0.00 Unit
BASIC MATH SKILLS (NDA) (RPT 9)
This course is designed to strengthen basic math skills. Topics include properties, rounding, estimating, comparing, converging, and computing whole numbers, fractions, decimals. Upon completion, students should be able to perform basic computations and solve relevant mathematical problems.
8709lec 1:15pm - 2:20pm MTWTh MA 109N
&lab 2:40pm - 7:10pm MTWTh MA 109N
(4 Week Class - Starts 1/12/2015, Ends 2/6/2015)

BIOLOGY

BIODETECHNOLOGY
Chair: Miguel Moreno, Cedar Hall - CH/K-405, (213) 763-7322

BIOTECHNOLOGY 010 4.00 Units
INTRODUCTION TO BIOMANUFACTURING I
1610lec 7:00am - 9:30am MTWTh CH/K466
&lab 9:40am - 12:25pm MTWTh CH/K406
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

BUSINESS
Dean: Nicole Albo-Lopez, Aspen Hall - AH/TE-511, (213) 763-7025

BUSINESS 001 3.00 Units
INTRODUCTION TO BUSINESS (UC:CSU)
Special emphasis is placed on the meaning and purpose of business in our society, the historical development of business, the general economic setting for business today, and the following business areas: forms of business organization, manufacturing, marketing, human relations, financing, accounting, budgeting, reports, government-based relations and the social responsibilities of people in business.
0134lec 7:00am - 9:45am MTWTh CH/K210
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
COMMUNICATION STUDIES
Chair: John Glavan, Aspen Hall - AH/TE-520, (213) 763-3931

COMMUNICATION STUDIES 101
3.00 Units
PUBLIC SPEAKING (UC:CSU)
This introductory speech course emphasizes techniques of public speaking including writing and delivery of speeches to inform and persuade. Students refine critical thinking, research, organizational, and time management skills. They learn to adapt a message to any audience and occasion.
1340lec 10:10am - 12:40pm MTWTh AH/T E206
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)
1341lec 12:15pm - 2:45pm MTWTh AH/T E201
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

COMMUNITY PLANNING/ECONOMIC DEVELOPMENT
Chair: John McDowell, Mariposa Hall - MA-005, (213) 763-7129

COMMUNITY PLANNING/ECONOMIC DEVELOPMENT 005
SECTOR DEVELOPMENT AND EMPLOYMENT STRATEGIES (CSU)
3.00 Units
This course will focus on how a strong understanding of industry sectors can be linked to viable job creation and employment strategies. Particular attention will be devoted to sector initiatives and training programs in the greater Los Angeles region.
3270lec 6:00pm - 8:55pm MTWTh CH/K 210
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES
Chair: Christina Anketell, Mariposa Hall, MA-109e, (213) 763-3741

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES 084
MICROCOMPUTER OFFICE APPLICATIONS: WORD PROCESSING (CSU)
3.00 Units
Advisory: CAOT 1.
This course provides instructions on Microsoft Word applications using basic and advanced commands to create, format, edit, save, and print documents including letters, tables, reports, and merge documents. The application also utilizes publishing features that includes creating newsletters, brochures, fliers, and resumes on the web and through cloud computing.
0353lec 7:00am - 8:50am MTWTh CH/K 320
&lab 9:00am - 11:35am MTWTh CH/K 320
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

COMPUTER APPLICATIONS OFFICE TECHNOLOGIES 098
MICROCOMPUTER OFFICE APPLICATIONS: INTRO TO WINDOWS
3.00 Units
This course is designed to prepare students to operate a computer in the Windows environment. This course covers elements of Windows including: Windows operation, disk and file management, modification and customization of the Windows environment, and application of Windows accessories. This class requires both on campus and online work.
0354lec 12:00pm - 1:50pm MTWTh CH/K 320
&lab 2:00pm - 4:35pm MTWTh CH/K 320
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
WINTER 2015 Class Schedule

January 5 to February 8

COMPUTER INFORMATION SYSTEMS
Chair: Eric Chavez, Cedar Hall - CH/K-325, (213) 763-3782

COMPUTER INFORMATION SYSTEMS 701 3.00 Units
INTRODUCTION TO COMPUTERS AND THEIR USES (UC:CSU)
Advisory: English 21; Mathematics 105;
The students will be introduced to computer applications using Microsoft Office—Word, Excel, Access are covered. Also, the students will learn to integrate different applications, and understand the fundamentals of the Windows operating system.
0542lec 7:00am - 8:30am MTWTh CH/K 307
&lab 8:30am - 10:05am MTWTh CH/K 305
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

COMPUTER INFORMATION SYSTEMS 739 3.00 Units
PROGRAMMING IN C++ (UC:CSU)
Advisory: Computer Information Systems 701;
This class provides an introduction to the use of the C++ programming system. It emphasizes the syntax and grammar of its coding language. The method of instruction is the use of the system to implement computer application projects using the traditional programming structures of sequence, selection, and loops, use of functions, arrays and strings and how different data types work.
0545lec 10:30am - 12:05pm MTWTh CH/K 305
&lab 12:05pm - 1:40pm MTWTh CH/K 305
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

COSMETOLOGY
Chair: Eilon Robinson, MH-241E, (213) 763-7138

COSMETOLOGY 210 3.00 Units
INTRODUCTION TO HAIR COLORING
Prerequisite: Cosmetology 112;
Students are offered an introduction to basic hair coloring categories, applications and bleaching techniques. In addition, the course will concentrate on hair cutting, hair styling, and permanent waving procedures.
4308lec 4:00pm - 5:10pm MTWTh MH 247
&lab 5:10pm - 9:20pm MTWTh MH 247
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

COSMETOLOGY 211 3.00 Units
INTERMEDIATE HAIR COLORING AND STYLING
Prerequisite: Cosmetology 112;
Students are offered an introduction to intermediate hair coloring, bleaching and toning applications and techniques. In addition, the course will concentrate on hair cutting, hair styling, and skin care procedures.
4309lec 4:00pm - 5:10pm MTWThs. SHACKELFORDMH 247
&lab 5:10pm - 9:20pm MTWThs. SHACKELFORDMH 247
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

COSMETOLOGY 214 3.00 Units
ADVANCED HAIR COLORING AND STYLING
Prerequisite: Cosmetology 112;
Students are offered instruction in permanent hair coloring applications, color correction techniques, zonal and block highlighting effects. In addition, the course will concentrate on hair cutting, thermal hair styling, long hair designing and nail technology.
4310lec 4:00pm - 5:10pm MTWTh MH 247
&lab 5:10pm - 9:20pm MTWTh MH 247
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

COSMETOLOGY 215 3.00 Units
CONTEMPORARY STYLING TECHNIQUES
Prerequisite: Cosmetology 112;
Students receive instruction in advanced hair designing, hair coloring, hair sculpting, and chemical texture services.
4311lec 4:00pm - 5:10pm MTWTh MH 247
&lab 5:10pm - 9:20pm MTWTh MH 247
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

CULINARY ARTS
Chair: Steven Kasmar, Sage Hall - SA/H-118, (213) 763-7332

CULINARY ARTS 111 4.00 Units
CULINARY ARTS ORIENTATION I (CSU)
Prerequisite: Culinary Arts 112; Corequisite: Culinary Arts 112.
With a combination of lecture and lab practice, the students are introduced to the world of commercial food production. Students are introduced to culinary theories and develop skills in knife handling, ingredient identification, small and large equipment use, weights and measures, recipe development and cooking fundamentals
7500lec 7:30am - 9:05am MTWTh SA/H 107
&lab 9:05am - 2:30pm MTWTh SA/H 107
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

CULINARY ARTS 112 2.00 Units
Sanitation and Safety (CSU)
Corequisite: Culinary Arts 111.
This class discusses sanitation and safety as it applies to the restaurant industry; HACCP protocol, preventing food borne outbreaks, introduction to microbiology and establishing "flow of food systems" will be covered, federal, state and local legislation and employee training. National Restaurant Association Serve Safe Test will be given at conclusion of this class.
7502lec 7:00am - 10:20am MTWTh AH/T E201
(3 Week Class - Starts 1/5/2015, Ends 1/22/2015)
WINTER 2015 Class Schedule

January 5 to February 8

CULINARY ARTS 131 6.00 Units
CULINARY ARTS - BREAKFAST I (CSU)
Prerequisite: Culinary Arts 111; Culinary Arts 112;
Students are introduced to a la minute breakfast cookery, hot sandwiches, culinary
management and supervision. Upon completion the students will be able to identify
and safely use the tools and equipment used in breakfast cookery as well as egg
cookery, breakfast meats, cereals, beverages, hot sandwiches, a la minute
preparation, brunch items, pancakes, and waffles. Other areas covered include portion
control, inventory pars, weights and measures, labor and cost control. Management, supervision, leadership, customer relations, communication, and teamwork and time
management methods are introduced, discussed and practiced. Effective evaluation,
discipline and delegation methods are outlined. computerized food and labor cost and
inventory controls are presented and practiced.
7504lec 6:30am - 12:40pm MTWTh SA/ H107
&lab 12:40pm - 3:45pm MTWTh SA/ H132
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

CULINARY ARTS 170 2.00 Units
CULINARY NUTRITION (CSU)
This course provides a quick overview of applied culinary nutrition. Recipe and menu
development including ingredient selection and cooking techniques will be discussed.
Special diet (low fat, low sodium, diabetic, and caloric intake) will be discussed.
Appropriate for food service professionals who would like to work as personal chefs,
with sports teams, at spas and resorts, major hospital chains, entertainment
industries or in health care.
7505lec 8:00am - 12:20pm MW SA/ H301
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

DIESEL AND RELATED TECHNOLOGY
Chair: Jess Guerra, Oak Hall - OH/F-106A, (213) 763-3901
DIESEL AND RELATED TECHNOLOGY 265 4.00 Units
COMPRESSED NATURAL GAS 9CNG0, LIQUEFIED
NATURAL GAS FUELS & ELECTRONICS CONTROLS
This course provides an introduction to Compressed Natural Gas (CNG) and Liquefied
Natural Gas (LNG) fuel safety and handling, CNG/LNG fuel system layout, ignition
systems, and the electronic controls that support the use of this alternative fuel.
7348lec 7:00am - 9:30am MTWTh OH/ F210
&lab 9:30am - 12:50pm MTWTh OH/ F100
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

ECONOMICS
Chair: Dr. Freddie McClain, Aspen Hall - AH/TE-516, (213) 763-3936
ECONOMICS 002 3.00 Units
PRINCIPLES OF ECONOMICS II (UC:CSU)
This macroeconomics course concentrates on the behavior of the economy as a whole
and includes such economy wide phenomena as changes in unemployment, general
price level and national income. Emphasis is placed on public spending and public
choice, economic fluctuations and business cycles. Other topics include fiscal and
monetary policy, deficit spending and public debt, money creation, banking and central
banking, policies and prospects for global economic growth, comparative advantage,
international trade and contemporary economic developments.
1001lec 10:00am - 12:30pm MTWTh CH/ K321
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

EDUCATION
Chair: Dr. Freddie McClain, Aspen Hall - AH/TE-516, (213) 763-3936
EDUCATION 001 3.00 Units
INTRODUCTION TO TEACHING (CSU)
This course introduces students to the field of professional education and the concepts
and issues that are related to K - 8 education. Topics of this course include a basic
understanding of a teacher's role and challenges in society, contemporary education
issues within historical, social, philosophical, legal, and political contexts, impact
government policies on schools and children, and the various perspectives on
curriculum and instruction. Students are required to complete a minimum of 45 hours
of fieldwork in an approved elementary, self-contained classroom. A TB test, finger
print (live scan), and background check may be required by individual elementary
school.
1002lec 10:00am - 12:30pm MTWTh AH/T E401
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)

ELECTRICAL CONSTRUCTION AND MAINTENANCE
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701
ELECTRICAL CONSTRUCTION AND MAINTENANCE 100
(O.S.H.A.) SAFETY STANDARDS: CONSTRUCTION &
INDUSTRY 2.00 Units
(5same as Building Construction Techniques 102). This course provides instruction on
industry safety and health rules as it applies to workers and employers within the construction industry. Topics such as fall protection, lock out tag out procedures, PPE, excavations, etc. are covered. Participants that meet the required hourly attendance and successfully pass the final exam will be eligible to receive their OSHA (30 hrs.) safety-training certificate.
4719lec 6:00pm - 9:20pm TW SQ/ B351
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)
ELECTRICAL CONSTRUCTION AND MAINTENANCE 115
FUNDAMENTALS OF D.C. ELECTRICITY 3.00 Units
This course offers study in the Fundamentals of D.C. Electricity. Subjects include:
Electrical safety, the basic principles of atomic structure, electrical quantities, static
electricity, magnetism, induction, resistors, series circuits, parallel circuits, and
combination circuits. The proceeding resistive circuits will be analyzed using Ohm's
8007lec 10:00am - 12:45pm MTWTh SQ/ B352
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)
ELECTRICAL CONSTRUCTION AND MAINTENANCE 116
HANDTOOLS AND WIRING PRACTICES (CSU) 2.00 Units
This course covers the proper use of Hand Tools, Wiring Methods, Conductor
Identification, Selection, Splicing and Termination. Trade Practices and an Introduction
to the National Electrical Code.
4777lab 4:00pm - 9:35pm MTWTh SQ/ B301
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)
ELECTRICAL CONSTRUCTION AND MAINTENANCE 119
ELECTRICAL CONSTRUCTION AND MAINTENANCE 3.00 Units
This is an entry level course in electrical calculations and measurements with special
emphasis on the application problems encountered in the electrical construction
industry.
8008lec 7:00am – 9:45am MTWTh SQ/ B330
(5 Week Class - Starts 1/5/2015, Ends 2/5/2015)
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J a n u a r y 5 t o F e b r u a r y 8

ELECTRICAL CONSTRUCTION AND MAINTENANCE 191
COMMERCIAL WIRING AND PRACTICES 2.00 Units
Instruction is given in installation of wiring systems such as non-metallic sheathed cable, armored cable, flexible metal conduit, electrical metallic tubing, and PVC. Emphasis is given on National Electric Code standards.
4720lec 6:00PM - 6:50PMMTWH ThSTAFF/3782 &lab 6:50PM - 9:35PMMTWH ThSTAFF/3782
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

ELECTRICAL CONSTRUCTION AND MAINTENANCE 192
RESIDENTIAL WIRING AND PRACTICES 2.00 Units
The course content includes the installation of residential wiring materials including non-metallic sheathed cable, armored cable and flexible metal conduit for outlets, appliances and lighting.
4721lec 6:00pm - 6:50pm MTWTh SQ/ B337
&lab 6:50pm - 9:35pm MTWTh SQ/ B337
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

ELECTRONICS TECHNOLOGY
Chair: Eric Chavez, Cedar Hall - CH/K-325, (213) 763-3782
ELECTRONICS TECHNOLOGY 2543.00 Units
COMPUTER APPLICATIONS FOR ELECTRONICS TECHNOLOGY
This course introduces students to computer hardware, software related technology and their uses impact on society and education; hands-on experience with applications of software, such as Excel, Word, Power Point with an emphasis on electronics applications software such as Electronic Work Bench and VISIO.
0515lec 8:00am - 9:30am MTWTh CH/ K305
&lab 9:30am - 12:00pm MTWTh CH/ K305
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

ENGINEER-OPR/MAINTENANCE - APPRENTICE
Chair: William Elarton, Sequoia Hall - SQ/B-122, (213) 763-3701
ENGINEER-OPR/MAINTENANCE - APPRENTICE 720
HVACR I 2.00 Units
An introduction to the Principles and practices for the installation and maintenance of residential, commercial, and industrial heating, air conditioning, ventilation, and refrigeration systems. Equipment selection, maintenance, and safety will be covered.
5020lec 6:00pm - 6:45pm MTWTh SELIG2501 W3ST
&lab 6:45pm - 9:10pm MTWTh SELIG2501 W3ST
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
Operation/Maintenance Engineer Classes:
2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

ENGINEER-OPR/MAINTENANCE - APPRENTICE 724
FUNDAMENTALS OF ELECTRICITY 2.00 Units
This course covers the basic principles and practices of A/C & D/C electricity. Analyzing series, parallel and complex circuits, using Ohm's law, the power equation, Kirchoff's laws, and other applicable laws and equations.
5024lec 6:00pm - 6:45pm MTWTh SELIG2501 W3ST
&lab 6:45pm - 9:10pm MTWTh SELIG2501 W3ST
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
Operation/Maintenance Engineer Classes:
2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

ENGINEER-OPR/MAINTENANCE - APPRENTICE 750
INDOOR AIR QUALITY 4.00 Units
This course emphasizes on operation of systems to provide quality air to indoor environments. AQMD requirements and pending regulations are reviewed. Organizing and implementing maintenance programs that include indoor air quality assessment and air balancing HVAC systems are covered.
5050lec 6:00pm - 8:20pm MTWTWTh D. ELARTON-SELI42501 W3ST
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
Operation/Maintenance Engineer Classes,
2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

ENGINEER-OPR/MAINTENANCE - APPRENTICE 753
BOILERS FOR APPRENTICES 4.00 Units
Related engineering information concerning high pressure steam plants in office buildings and industrial establishments are studied in this course. Emphasis is given to steam power plant, use of steam tables, types of boilers, construction of boilers, boiler accessories, settings for combustion equipment and heating surfaces; operation of steam boilers and the combustion of fuels
5053lec 6:00pm - 9:20pm MTWTh SELIG2501 W3ST
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
Operation/Maintenance Engineer Classes:
2501 West 3rd Street, Los Angeles, CA 90057. Contact 213-385-2889

ENGLISH
Chair: Jan Gangel-Vasquez, Aspen Hall, AH/TE-515, (213) 763-3929
ENGLISH 021
ENGLISH FUNDAMENTALS (NDA)
Prerequisite: Placement Exam or Learning Skills 2C or Basic Skills 2CE
This course focuses on the fundamentals of academic reading, writing, and critical thinking. It reinforces basic skills such as the correct use of punctuation, spelling, and sentence structure. Students incorporate these skills, along with sentence combining techniques, to write simple paragraph responses progressing to short essays (250-500 words) that have an introduction, body, and conclusion.
1343lec 10:40am - 1:35pm MTWTh
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
AH/T E208

3825lec 5:45PM - 8:15PM MTWTh
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
*1344lec 1:45pm - 4:40pm MTW
&lec 3:05 hrs/wk ONLINE
AH/T E208

(5 Week Class - Starts 1/5/2015, Ends 2/8/2015) Transportation Focus
*1349lec 1:45pm - 4:40pm MTW
&lec 3:05 hrs/wk ONLINE
AH/T E212

(5 Week Class - Starts 1/5/2015, Ends 2/8/2015) Design and Media Arts Focus
*Denotes Pathway Fast-Track Session

ENGLISH 028
INTERMEDIATE READING AND COMPOSITION
Prerequisite: English 21
In this course, students plan, draft, revise, and edit compositions of increasing sophistication and complexity, progressing from multi-paragraph essays to research papers. Writing is based on readings that challenge students' thinking and provide an intellectual background for the assignments. Readings, discussion, and writing assignments may focus on fiction, non-fiction, memoirs, and/or poetry. This course prepares students for English 101.
1348lec 7:30am - 10:00am MTWTh
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
AH/T E210

1349lec 10:40am - 1:10pm MTWTh
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
AH/T E210
ENGLISH AS A SECOND LANGUAGE - Noncredit 007CE
ENGLISH AS A SECOND LANGUAGE - 1 (NDA) (RPT 9)

This course basic listening, reading, speaking, and writing skills for ESL learners with zero to minimum English language skills. Students will learn basic pronunciation, survival vocabulary, cultural differences, self-sufficiency for tasks and activities, and basic English structure.

ENGLISH AS A SECOND LANGUAGE - Noncredit 008CE

Listening, reading, speaking, and writing skills for ESL learners with some English language skills.

ENGLISH AS A SECOND LANGUAGE - 2 (NDA) (RPT 9)

ENGLISH 101

Prerequisite: English 28;

In English 101, students extend their knowledge of the principles and structure of academic writing beyond the level of English 28 through the practice of writing essays and the analysis of non-fiction and select short and full-length fiction. The course includes an introduction to persuasive discourse, research skills, critical reading and thinking, and argumentation. Various compositions and extensive research assignments are required. English 101 fulfills the writing requirement for the Associate degree and fulfills the transfer requirement to a four-year college.

ENGLISH 103

Prerequisite: English 101;

ENGLISH 103 helps students to develop their critical thinking and writing skills beyond the level achieved in English 101. The course emphasizes the application of research, logical reasoning, analysis, and strategies of argumentation in critical thinking and writing, using literature (both fiction and non-fiction) and literary criticism as subject matter.

ENGLISH 103

COMPOSITION AND CRITICAL THINKING (UC:CSU)

Prerequisite: English 101;

ENGLISH 103 helps students to develop their critical thinking and writing skills beyond the level achieved in English 101. The course emphasizes the application of research, logical reasoning, analysis, and strategies of argumentation in critical thinking and writing, using literature (both fiction and non-fiction) and literary criticism as subject matter.

ESL CIVICS

Chair: Christina Anketell, Mariposa Hall, MA-109e, (213) 763-3741

ESL CIVICS 013CE

0.00 Unit

ESL AND CIVICS 4 (NDA) (RPT 9)

Prerequisite: ESL and CIVICS 3; Advisory: ESL and CIVICS 1; ESL and CIVICS 2

ESL AND CIVICS 3

1.00 Unit

FASHION DESIGN

Chair: Carole Anderson, Cypress Hall - CY/D-222, (213) 763-3642

FASHION DESIGN 119

HISTORY OF COSTUME

This course surveys the origins and development of clothing from prehistoric times through the 20th century. Students will explore costume from its earliest origins through adaptation and assimilation into popular 'fashion' in each century. Instruction will include in-depth study of fashion trends, creators, and political climate that has influenced the creation of men's and women's fashion. The influence of historical costume on contemporary fashion is discussed.

COORDINATED SPORTSWEAR (CSU)

Prerequisite: Fashion Design 132; Advisory: Fashion Design 118; Fashion Design 138; Instruction is given on the development of coordinated sportswear including sports cutting and development of coordinated sportswear including sports cutting and development of coordinated sportswear.
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>HEALTH 002</td>
<td>HEALTH AND FITNESS (UC:CSU)</td>
<td>3.00 Units</td>
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<tr>
<td>HEALTH 011</td>
<td>PRINCIPLES OF HEALTHFUL LIVING (UC:CSU)</td>
<td>3.00 Units</td>
</tr>
<tr>
<td>HISTORY 011</td>
<td>POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES I (UC:CSU)</td>
<td>3.00 Units</td>
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<tr>
<td>KINESIOLOGY 300-1</td>
<td>SWIMMING NON-SWIMMER - 1 (CSU)</td>
<td>1.00 Unit</td>
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<td>KINESIOLOGY 300-2</td>
<td>SWIMMING NON-SWIMMER - 2 (CSU)</td>
<td>1.00 Unit</td>
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<td>KINESIOLOGY 320-1</td>
<td>BODY CONDITIONING - 1 (CSU)</td>
<td>1.00 Unit</td>
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<tr>
<td>KINESIOLOGY 320-2</td>
<td>BODY CONDITIONING-2 (CSU)</td>
<td>1.00 Unit</td>
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</table>

**HEALTH**

Chair: Joseph Ratcliff, Willow Hall, WH/J-202a, (213) 763-3730

**HEALTH 002**

HEALTH AND FITNESS (UC:CSU)

This course promotes healthy physical and psychological lifestyles, with emphasis on disease prevention, including violence/abuse, nutrition, sexuality, reproduction, drugs, alcohol, tobacco, aging, stress management, and weight control. The physical fitness segment emphasizes individual improvement utilizing aerobic, flexibility, and strengthening activities.

- **2106lec** 9:00am - 10:50am MTWTh
- **&lab** 10:50am - 12:40pm MTWTh

**Health 011**

PRINCIPLES OF HEALTHFUL LIVING (UC:CSU)

This course offers concepts to use today and tomorrow as guidelines for self-directed responsible living. Health topics cover the emotional and mental health, cardiovascular fitness, nutrition, chronic and communicable diseases, environmental issues, and the life cycle. Student is provided with self-assessments for examining their lifestyle habits and relationships, as well as, resources for getting help when they need it.

- **2100lec** 7:00am - 9:45am MTWTh
- **&lab** 10:00am - 11:50am MTWTh

**History 011**

POLITICAL AND SOCIAL HISTORY OF THE UNITED STATES I (UC:CSU)

Advisory: English 28.

This course will examine the historical development of the United States of America from 1492 to the close of the Civil War. Emphasis is placed on the relationship of regions, the role of major ethnic and social groups, the continuity of the American experience, and its derivation from other cultures, politics, economics, social movements, and its geography.

- **1003lec** 10:00am - 12:30pm MTWTh

**Kinesiology 300-1**

SWIMMING NON-SWIMMER - 1 (CSU)

This course will enhance the skills of the students in floating, kicking and swimming the crawl and backstroke.

- **2115lec** 10:00am - 12:45pm MTWTh

**Kinesiology 300-2**

SWIMMING NON-SWIMMER - 2 (CSU)

This course continues to enhance the skills of the students in floating, kicking and swimming the crawl and backstroke, that were developed in Swiming-I. Additionally, skills in the sidestroke and the elementary backstroke will be taught as well as the ability to safely enter the water with a jump and a long shallow dive.

- **2116lec** 10:00am - 12:30pm MTWTh

**Kinesiology 320-1**

BODY CONDITIONING - 1 (CSU)

This class is designed to incorporate forms, concepts and techniques associated with body conditioning, including Pilates, Core Strengthening, Cardiovascular Exercise and Muscular Strength and Endurance exercises.

- **2110lec** 7:00am - 7:30am MTWTh
- **&lab** 7:30am - 9:45am MTWTh

**Kinesiology 320-2**

BODY CONDITIONING-2 (CSU)

Prerequisite: KIN 320-1

This class is designed to incorporate intermediate forms, concepts and techniques associated with body conditioning, including Pilates, Core Strengthening, Cardiovascular Exercise and Muscular Strength and Endurance exercises.

- **2112lec** 1:00pm - 1:30pm MTWTh
- **&lab** 1:30pm - 3:45pm MTWTh

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**Updated: October 20, 2014**
KINESIOLOGY ATHLETICS 563 1.00 Unit
INTERCOLLEGIATE VOLLEYBALL-FITNESS & SKILLS TRAINING (CSU) (RPT 3)
This course is designed to provide focused strength and conditioning exercises, emphasize safety and injury prevention, cover new rules, techniques and skills for the sport of volleyball.
29001lab 6:00pm - 8:05pm MTWThF LG/ G100
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

LABOR STUDIES
Chair: John McDowell, Mariposa Hall - MA-005, (213) 763-7129

LABOR STUDIES 004 3.00 Units
LABOR IN AMERICA (UC:CSU)
Examines how labor organizations and labor laws impact workers, families and American society focusing on workforce-related issues such as job security, income, workers' rights, immigration and role of unions.
04301lec 9:30am - 12:00pm MTWTh AH/T E221
(5 Week Class - Starts 1/5/2015, Ends 2/9/2015)

LABOR STUDIES 021 3.00 Units
THE WORKING CLASS AND CINEMA (UC:CSU)
This course will examine feature film portrayals of the working class and labor unions. Students will learn to evaluate how popular culture dramatizes the struggle for workers' rights and analyze how the movies have shaped public perception and values.
04311lec 1:15pm - 4:00pm MTWTh AH/T E221
(5 Week Class - Starts 1/5/2015, Ends 2/9/2015)

LABOR STUDIES 105 1.00 Unit
GRIEVANCE HANDLING SKILLS (CSU)
The student will investigate, write and present union grievances.
04401lec 8:30am - 5:20 Sat Sun AH/T E221
(1 Week Class - Starts 1/24/2015, Ends 1/25/2015)

LEARNING SKILLS
Chair: Christina Anketell, Mariposa Hall - MA-109e, (213) 763-3741

LEARNING SKILLS 010C 1.00 Unit
MATHEMATICS FUNDAMENTALS (NDA)
This basic math fundamental course focuses on the learning skills needed to succeed in pre-algebra up to beginning algebra, and is designed to help students develop symbolic reasoning and calculations with symbols that are central in algebra and geometry. This open-entry/open-exit class provides individualized and computer-assisted instruction. The course is repeatable up to three times to enhance skills and proficiency. This course is the third in a sequence of three progressive modules and prepares students for academic and vocational success.
03521lab 9:00am - 11:50:00AMMTWTh 109A-1
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

MACHINE SHOP - CNC
Chair: Jess Guerra, Oak Hall - OH/F-106A, (213) 763-3901

MACHINE SHOP - CNC 161A 3.00 Units
COMPUTER ASSISTED MACHINE PROGRAMMING (CAM) IA (CSU)
MSCNC 161A (Computer Assisted Machining Programming (CAM) IA) is a course that will engage students with Machine Shop specific topics: application of Computer Aided Manufacturing (CAM) systems for development of computer numerical control (CNC) programs for complex two and three axis machined parts. Use of 3-D graphics and part verification software systems will also be explored.
73241lec 9:30am - 12:00pm MTWTh OH/F 164C
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

MACHINE SHOP - CNC 161B 3.00 Units
COMPUTER ASSISTED MACHINE PROGRAMMING (CAM) IB
MSCNC 161B (Computer Assisted Machine Programming (CAM) IB) is a course that will engage students with Machine Shop specific topics: advanced topics of computer aided design (CAD), computer aided manufacturing (CAM) and computer numerical control (CNC) and the integration of these three technologies in modern manufacturing.
73291lec 7:00am - 9:30am MTWTh OH/F 164C
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

MANAGEMENT
Dean: Nicole Albo-Lopez, Aspen Hall - AH/TE-511, (213) 763-7025

MANAGEMENT 013 3.00 Units
SMALL BUSINESS ENTREPRENEURSHIP (CSU)
This course will present a systematic approach to successful small business operation. The course covers personnel evaluation, pre-ownership evaluation, management and leadership, financing, location, taxation, records, employees, purchasing, advertising, sales, and credit. The course emphasizes the development of a business plan.
01381ec 10:00am - 12:45pm MTWTh CH/K262
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

MATHEMATICS
Chair: Taybeh Meftaagh, Aspen Hall - AH/TE-506, (213) 763-7319

MATHEMATICS 105 3.00 Units
ARITHMETIC (NDA)
Prerequisite: Mathematics 101; Corequisite: Mathematics 100.
This course reviews fundamentals of arithmetic in college and business. Topics include basic operations with fractions, decimals, percent, and measurement. The course emphasizes problem solving techniques that are useful in practical situations.
19061lec 7:30am - 10:00am MTWTh AH/T E306
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

19071ec 10:15am - 12:45pm MTWTh AH/T E408
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

19081ec 10:15am - 12:45pm MTWTh AH/T E413
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

MATHEMATICS 112 3.00 Units
PRE-ALGEBRA (NDA)
Prerequisite: Mathematics 105.
This course prepares students for their first course in Algebra. Topics include brief review of arithmetic, operations with signed numbers, variables, expressions, linear equations and word problems.
19201lec 7:30am - 10:00am MTWTh AH/T E410
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

19211ec 10:15am - 12:45pm MTWTh AH/T E308
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

19221ec 7:30am - 10:00am MTWTh AH/T E308
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)

MATHEMATICS 113 3.00 Units
ELEMENTARY ALGEBRA A
Prerequisite: Mathematics 112.
Topics include review of signed numbers, variables, the order of operations; addition and subtraction of polynomials; solve and graph linear equations, solve inequalities; solve systems of equations.
19321lec 10:15am - 12:45pm MTWTh AH/T E406
(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
<table>
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<tr>
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<tr>
<td>MATHEMATICS 121</td>
<td>ESSENTIALS OF PLANE GEOMETRY</td>
<td>3.00</td>
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<tr>
<td>MATH 225</td>
<td>INTRODUCTORY STATISTICS (UC:CSU)</td>
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<td>PHYSICS 012</td>
<td>PHYSICS FUNDAMENTALS (UC:CSU)</td>
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<td>INTRODUCTORY PHYSICS (UC:CSU)</td>
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<tr>
<td>NURSING 119</td>
<td>INTRODUCTION TO NURSING</td>
<td>1.00</td>
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<tr>
<td>PERSONAL 002</td>
<td>INTERPERSONAL RELATIONSHIPS (CSU)</td>
<td>1.00</td>
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<tr>
<td>PSYCHOLOGY 001</td>
<td>GENERAL PSYCHOLOGY I (UC:CSU)</td>
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**Update:** October 20, 2014
### SIGN GRAPHICS 204
2.00 Units
Prerequisite: Sign Graphics 203. Students will be introduced to the use of solvent based inks; including; color mixing, application, and clean-up. This course also offers practice on a variety of substrates and uses including four color process printing.

**7223lab** 7:00am - 11:30am MTWThf  SA/ H200

(5 Week Class - Starts 1/5/2015, Ends 2/6/2015)

### SILK SCREEN PROCESSING II

#### SUPervised LEARNING ASSISTANCE (NDA)  (RPT  9)

#### CHAIR: CHRISTINA ANKETELL, MARIPOSA HALL

**8951lec** 24:00 hrs/wk  TBA  MA 109A-1

(5 Week Class - Starts 1/5/2015, Ends 2/8/2015)
Material available in alternate media format upon request.

Register Today!
www.lattc.edu

Los Angeles Trade-Technical College
400 W. Washington Blvd.
Los Angeles, CA 90015